GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma Seminar, PG_00052337		
Field of study	Chemical Technology		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2027/2028
Education level	first-cycle studies	Subject group	Optional subject group Subject group related to scientific research in the field of study
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	4	Language of instruction	Polish
Semester of study	7	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Biotechnology and Microbiology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Adam Macierzanka	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	15.0	15

E-learning hours included: 0.0

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	15	5.0	30.0	50

Subject objectives

Acquisition of the skills necessary for the correct construction and presentation of theoretical and practical issues, essential for the completion of a masters thesis, which requires the implementation of an individual research/experimental plan agreed upon as part of the diploma project.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K01] understands the need for continuing education, and is aware of the opportunities to improve professional, personal and social competences	student is aware of the dynamic development of production technologies and understands the need for continuous improvement of professional skills.	[SK2] Assessment of progress of work
[K6_U82] is able to obtain and process information related to field of study and academic environment in foreign language at B2 level of the Common European Framework of Reference for Languages (CEFR)	is able to use English-language literature to prepare the literature section of their thesis. They know how to correctly create a citation database and format it properly.	[SU1] Assessment of task fulfilment
[K6_W12] knows the chemical nomenclature in Polish and specialized terms related to chemical technology	is aware of the literature related to the topic of their thesis. Is able to prepare the theoretical part of the thesis.	[SW1] Assessment of factual knowledge
[K6_U01] is able to acquire information from literature, databases and other appropriately selected sources, also in English; is able to integrate information obtained, interpret it and make conclusions, formulate and justify opinions	is able to use electronic databases and other available sources to develop the theoretical section of their thesis.	[SU1] Assessment of task fulfilment

Subject contents

Course content – seminar
The content is selected individually from topics in cosmetic technology, depending on the subject of the specific diploma project carried out by the student.

Prerequisites and co-requisites

Knowledge of chemical technology acquired during the semesters preceding the diploma semester.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Seminar – presentations	100.0%	100.0%

Recommended reading	Basic literature	Heather A. E. Benson; Michael S. Roberts; Vania Rodrigues Leite-Silva, Cosmetic Formulation: Principles and Practice, CRC Press 2021 Jabłońska-Trypuć A., Czerpak R., Surowce kosmetyczne i ich składniki, MedPharm Wrocław 2008 Zieliński R., Surfaktanty towaroznawcze i ekologiczne aspekty ich stosowania, Wydawnictwo Akademii Ekonomicznej w Poznaniu, Poznań, 2000.Zieliński R., Surfaktanty towaroznawcze i ekologiczne aspekty ich stosowania, Wydawnictwo Akademii Ekonomicznej w Poznaniu, Poznań, 2000. Physical Properties of Lipids, ed. A. G. Marangoni, S.S. Narine, Marcel Dekker, Inc., New York, 2002.
	Supplementary literature	Sharma P.P., COSMETICS : Formulation, manufacturing and Quality Control, Fifth Ed., Vandana Pub 2014 Smulders E., Laundry Detergents, Wiley-VCH, Weinheim, 2002. Hummel D.O., Handbook of Surfactant Analysis, John Willey and Sons Ltd, 2000. G. Schramm, Reologia podstawy i zastosowania, OWN, Poznań 1998.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Selected individually according to the specific nature of the students diploma thesis plan.	
Practical activites within the subject	Not applicable	

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